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<110> Rosen, Craig A.
Sadeghi, Homa
Prior, Christopher P.
Turner, Andrew J.

<120> Albumin Fusion Proteins

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<140> Unassigned

<141> 2001-04-12

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<170> PatentIn Ver. 2.1

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Glu Asn Phe Lys Ala Leu Val Leu Ile Ala Phe Ala Gln Tyr Leu Gln
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cag tgt cca ttt gaa gat cat gta aaa tta gtg aat gaa gta act gaa 144
Gln Cys Pro Phe Glu Asp His Val Lys Leu Val Asn Glu Val Thr Glu
35 40 45
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Phe Ala Lys Thr Cys Val Ala Asp Glu Ser Ala Glu Asn Cys Asp Lys
50 55 60
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Ser Leu His Thr Leu Phe Gly Asp Lys Leu Cys Thr Val Ala Thr Leu
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cgt gaa acc tat ggt gaa atg gct gac tgc tgt gca aaa caa gaa cct 288
Arg Glu Thr Tyr Gly Glu Met Ala Asp Cys Cys Ala Lys Gln Glu Pro
85 90 95
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Glu Arg Asn Glu Cys Phe Leu Gln His Lys Asp Asp Asn Pro Asn Leu
100 105 110
ccc cga ttg gtg aga cca gag gtt gat gtg atg tgc act gct ttt cat 384

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Ser	Ala	Lys	Gln	Arg	Leu	Lys	Cys	Ala	Ser	Leu	Gln	Lys	Phe	Gly	Glu		
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Arg	Ala	Phe	Lys	Ala	Trp	Ala	Val	Ala	Arg	Leu	Ser	Gln	Arg	Phe	Pro		
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Cys Ile Ala Glu Val Glu Asn Asp Glu Met Pro Ala Asp Leu Pro Ser
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 305 310 315 320
 Glu Ala Lys Asp Val Phe Leu Gly Met Phe Leu Tyr Glu Tyr Ala Arg
 325 330 335
 Arg His Pro Asp Tyr Ser Val Val Leu Leu Arg Leu Ala Lys Thr
 340 345 350
 Tyr Glu Thr Thr Leu Glu Lys Cys Cys Ala Ala Ala Asp Pro His Glu
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 Cys Tyr Ala Lys Val Phe Asp Glu Phe Lys Pro Leu Val Glu Glu Pro
 370 375 380
 Gln Asn Leu Ile Lys Gln Asn Cys Glu Leu Phe Glu Gln Leu Gly Glu
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 Tyr Lys Phe Gln Asn Ala Leu Leu Val Arg Tyr Thr Lys Lys Val Pro
 405 410 415
 Gln Val Ser Thr Pro Thr Leu Val Glu Val Ser Arg Asn Leu Gly Lys
 420 425 430
 Val Gly Ser Lys Cys Cys Lys His Pro Glu Ala Lys Arg Met Pro Cys
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 Glu Lys Thr Pro Val Ser Asp Arg Val Thr Lys Cys Cys Thr Glu Ser
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 Tyr Val Pro Lys Glu Phe Asn Ala Glu Thr Phe Thr Phe His Ala Asp
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 site in pPPC0006

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<220>
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 sites in pPPC0007

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<210> 24
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 sites in pPPC0007

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 <223> forward primer useful for generation of albumin
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<210> 26
<211> 51
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<210> 27

<211> 33

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33

<210> 28
<211> 52
<212> DNA
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<220>
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<223> reverse primer useful for generation of albumin
fusion protein in which the albumin moiety is c-terminal of
the Therapeutic Protein

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<210> 29
 <211> 24
 <212> PRT
 <213> Artificial Sequence

<220>
 <221> signal
 <223> signal peptide of natural human serum albumin protein

<400> 29
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 1 5 10 15
 Tyr Ser Arg Ser Leu Asp Lys Arg
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<210> 30
 <211> 114
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<220>
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 albumin fusion VECTOR

<220>
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<210> 32
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Trp Ala Pro Ala Arg Gly
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<400> 36

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actttcaagt tctacatgcc aaagaaagct actgaattga agcacttgca atgtttggaa 180
gaagaattga agccattgga agaagttttg aacttggctc aatctaagaa cttccacttg 240
agaccaagag atttgatttc taacattaac gttattgttt tgggaattgaa gggttctgaa 300
actactttta tgtgcgagta cgcagacgaa actgctacta tcgttgagtt cttaaatagg 360
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